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GROUP 3000

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant: Choset et al.

) Group Art No.: 3682

Application No: 10/083,705

) Examiner: Van Pelt, Bradley J.

Filed: February 26, 2002

For: "ORIENTATION PRESERVING
ANGULAR SWIVEL JOINT"

) Date: July 7, 2004

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Pursuant to 37 CRR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08A and PTO/SB/08B. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "Reference Cited" on any patent to issue therefrom.

This IDS is filed along with a Request for Continued Examination and before the mailing of a first Office Action on the merits as is known to the undersigned.

A copy of each reference on PTO/SB/08A and PTO/SB/08B is attached.

While the information and references disclosed in this IDS may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR 1.97(g), the filing of this IDS shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. Applicant further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents should one or more documents be applied against the claims of the present application.

USSN: 10/083,705
Group No. 3682
Examiner: Van Pelt, Bradley J
Page 2

Dated: July 7, 2004

Respectfully submitted,

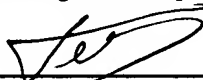


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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Frederic Farina

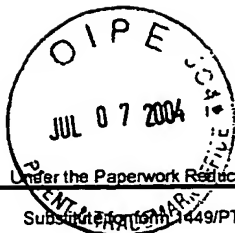
(Name of Registered Representative)



Signature

July 7, 2004

Date



Substitution Form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number 10/083,705
Filing Date 02/26/2002
First Named Inventor Choset
Art Unit 3682
Examiner Name Van Pelt, Bradley
Attorney Docket Number

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GROUP 3600

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,683,406	June 7, 1985	NEC Corporation	Entire
		US- 4,878,393	Nov 7, 1989	Dobeck; Benjamin	Entire
		US- 4,904,148	Feb 27, 1990	Kabushiki Kaisha Kom	Entire
		US- 6,026,703	Feb 22, 2000	Stanisic; Michael M	Entire
		US- 3,315,542	Apr 25, 1967	Fortin A., ET AL	Entire
		US- 4,703,668	Nov 3, 1987	Champion Spark Plug	Entire
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FOREIGN PATENT DOCUMENTS

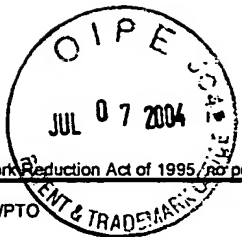
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁸
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature	Date Considered
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PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2

of

2

Application Number

10/083,705

Filing Date

02/26/2002

First Named Inventor

Choget

Art Unit

3682

Examiner Name

Van Pelt, Bradley J.

Attorney Docket Number

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GROUP 3600**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		H. Choset, J. Luntz, E. Shammass, T. Rached, D. Hull and C. Dent Design and Motion Planning for Serpentine Robots Tokyo Institute of Technology Super Mechano, March 2-3, 2000	
		M. E. Rosheim Robot Wrist Actuators (Pages 52-89) John Wiley and Sons (February 1989)	
		E. Paljug, T. Ohm and S. Hayati. The JPL Serpentine Robot: a 12-DOF system for inspection Proc. of the 1995 IEEE/ICRA, Volume: 3, 1995	

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